The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

Issue 399 - August 7, 1987

DXpedition News

Minami Torishima - KA Charlie Carpenter KA2CC will operate from this island (OC-73) August 21-28, on 20-10 meters. Watch 14200-250, 21300-400, and anywhere on 10. Charlie works by call areas, logs 4-5 suffixes, and then works them. He'll work split (up 10) for Europe. QSL home call, with IRCs or Green Stamp; bureau cards okay.

Charlie notes, "After my February trip, I received a lot of QSLs from the US with local time and date. I did spend a lot of time tracking down these calls. Not this time. If not UTC/date, it will be sent back: Not in log!" Spread the word.

DX Convention

The Northern Illinois DX Association hosts the 35th W9DXCC DX Convention on Saturday, Sept. 12, at the Holiday Inn, 1250 Roosevelt Road, Glen Ellyn, IL. The program includes AH2U, W9PRN, International Radio on filters, 3Y1EE slides, XF4DX presentation, and two programs by VP2ML: T32AW, and "A week in the life of a DX bulletin editor." Registration including the banquet is $23 until Sept. 5, to Howard Huntington K9KM, 65 South Burr Oak Drive, Lake Zurich, IL 60047, with SASE for confirmation. See you all there!

RTTY News

Two stateside RTTY DXers took First Places in the BARTG RTTY contest this past Spring. KT1N snagged 1st single-op, and **WA7EGA** came in first in the multi-op category. Congratulations. These two will team up with HC5K and others to operate from **HC8** during the CQWW RTTY contest, Sept. 26-27. (They'll be on all modes before the contest, but only digital during.) Also W3HNK and others will operate multi-op from **TG9VT** for the contest. WA4WIP expects several Caribbean stations on for the first CQWW RTTY, including J73, KP2 and J88. Finally, Jack W5HEZ says that KL7LF/KH3 is not the first RTTY from Johnston Is; Dave Gardener W6LPL was on RTTY from KH3 in 1980.

Shortly Noted

On regularly and workable:

- ZD9BV 21265 kHz at 1700Z, QSL W4FRU.
- JX9CAA 14220 kHz at 1800Z, listening 14205-215 kHz.
- BV2DA 14004 kHz at 12-1230Z.
- BY4RB 14030 kHz at 12-1300Z.
- VS6DO 14020 kHz at 1145Z.
- 9Q5NW and daughter Tina 9Q5YL 14180 kHz at 2000Z. Also try 21250 kHz.
- A61AB 14198 kHz at 0200Z, with a short list taken by UF6FFF.
- HZ1AB on 14155-180 kHz, often, esp. 0130-0330Z.
- OD5RH 14220 kHz at 0200Z.
- ZL7IX and ZL7DE like 7162 kHz at 0700Z. QSL Radio Station, Chatham Island.
- KX6IO 7162 kHz at 0730Z; QSL KX6BU.
- HB9RG needs SD and UT; look for Rudi on 7084 kHz at 0100Z, listening up for USA.

GB2SMC

GB2SMC celebrates the 850th anniversary of the founding of the Saint Magnus Cathedral in Kirkwall Orkney. 09-2100Z Sat. and 13-2100Z other days, on 80-15 meters. QSL RSGB for a special card.

Andamans QSLs

The VU4NRO and VU4APR QSLs are out! All cards received have been checked against the computer printout of the 30,000 QSOs, and are being placed in the mails. If you have not received a reply by Sept. 15, then try a note to VU2APR. The NIAR is considering a return trip to the Laccadives in a year or two, if there is demand and support. They are also looking for Indian amateurs with teaching experience to go back to the Andamans to teach locals about amateur radio, and get in some operating, too, after September 1.

Also in India, Tom Warren K3TW, now VU2TJW, is looking for a Heath SB-220 amp in good or better condition. Contact Mike K9AJ with any leads. [I thought India had a 150 watt power limit. -ed.]

— Chod Harris VP2ML Editor

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PROPAGATION

Forecast and Historical Data

Day August	Forecast	27 Days Before Date	Flux	A	K	55 Days Before Date	Flux	A	K
7	High Nor	7/11	73	08/09	2	6/13	80	10/13	2
8	Low Normal	7/12	73	11/11	2	6/14	78	07/11	1
9	High Nor	7/13	73	05/10	1	6/15	78	06/02	1
10	High Nor	7/14	74	05/10	0	6/16	79	06/14	2
11	Low Normal	7/15	76	06/29	2	6/17	79	07/11	1
12	Low Normal	7/16	78	25/29	3	6/18	80	06/12	1
13	Low Normal	7/17	79	18/27	2	6/19	80	17/30	2
14	Low Normal	7/18	80	15/17	2	6/20	79	08/18	2
15	High Nor	7/19	82	10/15	2	6/21	80	07/11	1
16	High Nor	7/20	91	07/13	2	6/22	84	05/10	1
17	High Nor	7/21	93	07/--	1	6/23	85	05/09	1

Thanks N4XX and KH6BZF

Propagation Watch

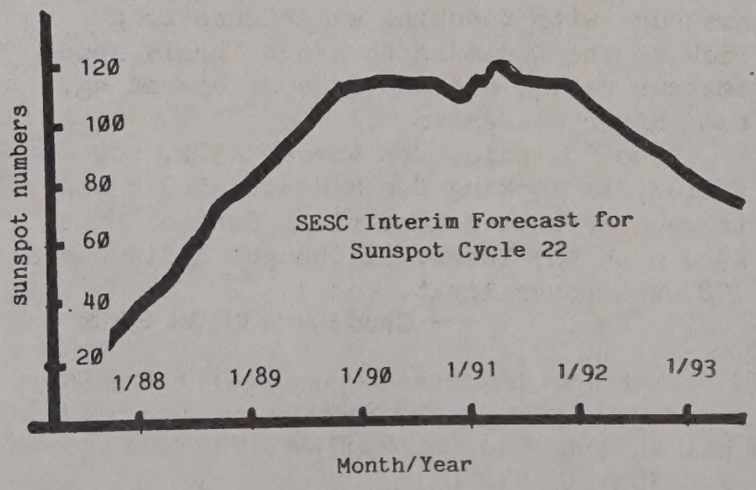
July went out with a propagation bang, and good things are expected in August. Despite the summer doldrums, the bands have been very good, with plenty of long-haul DX and with 20 meters open far into the night. Even 15 meters has been open on paths much more east-west than over the past months. 10 meters is still limited to E-skip, for the most part, with some interesting north-south openings.

Cycle 22

By now, every serious propagation forecaster has agreed that we are in the first stages of Sunspot Cycle 22. (There continues to be disagreement as to the date of the solar minimum, but Sept. 1986 looks better every day.) After anxiously awaiting the solar minimum, Dxers have turned their sights on the next solar maximum, tentatively set for 1991. What kind of sunspot cycle will Cycle 22 be? A dynamite repeat of the late-1950s fireworks? Or even one as excellent as Cycle 21 at its peak in the early 1980s?

The Space Environmental Services Center (the guys who bring you the propagation information on WWV), have made a prediction of Cycle 22, based on the Ohl method, as modified by Sargent. It is based on the past six even numbered cycles. (Even numbered cycles tend to be flatter and longer lasting that the odd numbered ones; evidence builds for a 22 year sunspot cycle, with two minimums and maximums.) This prediction should be within 40 points, at the 95% confidence level. The technique predicted the last four sunspot cycles within 7%. (The prediction assumes a sunspot minimum in Sept., 1986.)

Note that Cycle 22 should rise smoothly and rapidly, passing an average of 50 (or solar flux of 100) in early 1988. Also notice the long, flat top of the cycle: probably not enough sunspots to open 6 meters very often, but look for lots of 10 meter activity in the early 1990s. Great days for DXers are just around the corner!



QSL INFORMATION

DX CALL	QSL TO	DX CALL	QSL TO
AP2SQ	W3HNK	SVØFE	KØTLM
A4XKC	KA1XN	TI9CF	W3HNK
BVØAE	JA1UT	TL8DN	N2AU
BV2FA	DJ9ZB	TO6JUN	F5AM
DL7FT/BV	DL7FT	TU2MY	WB5EPL
DL7RAG/SV9	DL7RAG	TU2QZ	N5DVY
ED5VFA	EA5FDO	TV6BIL	F6AUS
FF3TV	F6BEE	TV6JUN	F5AM
FKØAW	F6BFH	TV7GLC	F6DLM
FP/K1RH	K1RH	T32BF	KH6GDR
FT8WA	F6FNU	VD1ASJ	VE1ASJ
HBØ/DA1WA	DA1WA	VD1DH	VE1DH
HG19HB	HA5WA	VKØGC	VK9NS
HKØNKH	W9UCW	VP5DG	WN5K
HZ1AB	K8PYD	VS6DO	K4CIA
I2NYN/IE9	I2MQP	V2AO	KB4OC
JW5E	LA5NM	V31A	K5RX
J37AH	W2GHK	V44KT	WA4WIP
J73EH	WA4WIP	V85PO	F9ON
KG4SC	N2DDI	W6JKV/YVØ	N6BFM(87CB)
KH2D	KA3T	XU1SS	JA1HQG
KH6LW/KH7	KH6JEB	YJØARW	ZL1AMO
KH9AC	WK6T	YS1MAE	WN5K
KL7LF/KH3	KL7VZ	YZ9IX	YU2LIX
KP2A	N6CW	YZ9OH	YU2OH
K2IBW/FJ	K2IBW	ZD8RP	G3IFB
LX5ØRL	LX1BI	ZK1XV	VK2BCH
NH6D/KH3	NH6D	ZL7AA	ZL1AMO
N5RM/CT3	N5RM	ZYØTC	PY1DFF
OD5FB	WA2QAU	ZYØTJ	PY2BTR
OD5PL	HB9CRV	ZYØTM	PY1DFF
OE8HFL/YK	OE8HFL	3C1MB	EA7KF
OF1AF	OH1AF	4S7VK	DJ9ZB
OF7XE	OH7XE	4U1UN	W2MZV
OX3GH	WA2TTI	5H3ZO	KØLST
OY/DF7JC	DF7JC	5L7T	YU1RL
OY/DJ6ZT	DJ6ZT	5T5NU	F6FNU
SNØJP	SP9KZ	5X5GK	DJ5RT
SN5JP	SP5PBE	7J1ACH	NG7X
SN8JP	SP8PLU	8Q7CH	SM5DQC
SP5EXA/JW	SP5EXA	9J2BO	W6ORD
		9L1GG	N4DW(86CBA)

QSL Help Offered

- **C3ØBBE** via OH6XY has not yet QSLed.
- **CEØZIG** is Jamie Herrera M., Aeropuerto Mataveri, Isla du Pascua, Chile.
- **ZK1MB** is via ZL1AMO; ZL1ADI was the other operator, but is not QSLing at this time.
- **New QSL manager for 4U1UN** is NA2K, Harry Westervelt, 72 Kuhlthau Ave., Milltown, NJ 08850. He replaces Silent Key W2MZV.

QSL Help Wanted

- HC2EX/8 HLØCB TF6JB 3V8AQ or 3V8AB (both probably Slims) C56/SMØQTM OY8AA KC7V/NH2 for KX1G.
- AP2IZ for KA3DBN.
- 4S7NB FH8CQ for XE1ZW.

QSL Addresses

BY9GA	NS7Z (Only QSOs with NS7Z operating)
EA9NF	P O Box 514, Melilla, Spain
EP2DL	David Alipour, Box 17845/151, Tehran, Iran
H44DL	David, Box 6, Honiara, Solomon Islands
OD5AS	Said Abdallah, Box 121, Tripoli 604, Lebanon
ZL8HV	Peter Fisher, Raoul Island, Overseas Mail Branch, CPO Auckland, New Zealand
5Z4PT	Gerald, P O Box 30197, Nairobi, Kenya
7P8DX	Box 333, Maseru, Lesotho

QSLs Received

XF4DX TI9W 3C1MB C21NI FH4EC FO5JL A71BK 5U7/I2VA SVØDH/SV5 T77C (4 1/2 Months direct) J37EH (RTTY) 9Q5NW JY9RL UV100 (with help from W3HNK) YJØARW JT1BG.

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

-----RTTY-----				
A22BW *	14091	1441	25	CA
CP8HD	14093	0035	24	MA
FK8BK	14072	0600	18	VA
FP5DF	14089	2248	25	MI
FS/FG5UQ	14097	2208	25	MI
HL5BJS	14087	1200	14	VA
HP1XJZ	14084	0155	24	MA
KH3/ KL7LF	14086	0437	18	VA
LU4EGJ	14083	0050	24	MA
OZ2X	14088	1831	24	CA
PJ8UQ	14098	0220	25	NH
PY7JJ	14083	2349	22	CA
PZ1BS	14087	0205	26	MI
TA1F	14096	0010	26	MI
TK/ DL4ZBH	14096	0216	21	NH
	14089	2225	22	VA
VK7AE	14091	0630	22	VA
VK9NP	14091	0610	22	VA
Y21RO	14087	0449	23	CA
ZP5JCY	14088	2215	25	MI
-----40 Meters-----				
4S7RO	7005	1320	22	CA
A22BW *	7002	1425	26	CA
CO2VG	7007	0210	21	GA
CP8AK	7009	0305	19	CT
CX6BM	7006	0317	16	CT
FK8FG	7009	1103	24	AL
FY/ FE6ILL	7008	0308	29	FL
HB9RG	7084	0057	27	NH
HSØC	7009	1256	26	MD
KC6JC	7080	1040	25	FL
KH2/ NP4JV	7006	1112	29	CA
OFØMA	7004	0121	28	FL
TE1T	7008	0754	16	CT
TU2SF	7006	1500	23	CA
UAØZDN	7006	1029	24	AL
UC2ACZ	7004	0108	30	FL
V85AC	7006	1400	24	CA
VK8AV	7002	1106	29	CA
Z23JO *	7005	1446	29	CA
ZS5DE	7010	1412	22	CA
-----30 Meters-----				
OY1R	10101	0340	23	MA
-----20 Meter CW-----				
4U1UN	14036	2238	31	FL
4Z4DX	14023	0320	25	MT
8P6JQ	14032	2318	28	FL
9H1ED	14027	0536	25	KY
9M2LE	14022	1443	25	MT
C6AAA	14031	0038	1	FL
CEØZIG	14060	0218	21	GA
CM6DD	14024	2230	26	GA
CN8AC	14004	1349	20	MT
CU7/KYØT	14028	2319	23	AL
EA6RT	14026	2133	31	FL
EA8ABR	14019	0059	21	KY
EA8IR	14066	0046	25	GA
EA8YM	14031	0203	21	IA
FG5BM	14012	1159	24	GA
FKØBA	14012	0433	25	MA
FK8FN	14008	1322	25	MA
FK8FS	14006	0656	25	IL
FOØGM	14025	0141	22	CT
FY5CG	14009	0047	22	OH
GDØBCJ	14004	1914	26	MN
GD5UG	14007	1858	31	CA
HC2SL	14015	2251	29	FL
HI8JM	14013	0047	1	FL
HL1XP	14008	1257	26	IL
HSØC	14005	1854	24	MT
JW/ SP5EXA	14021	1217	21	CT
	14001	0333	28	MN
KH2/NY6M	14027	1229	22	MN
LZ1KOZ	14021	0333	23	CA
OD5LX	14020	0139	24	AL
OFØMA	14027	0130	27	MA
PZ1DV	14013	0214	24	MN
PZ1DV Zone 23	14041	1109	28	OH
RVØYF	14013	0030	1	FL
T77C	14024	2316	23	AL
TRØCW	14024	2224	26	GA
TR8JJC	14056	2236	25	GA
UAØL/ UB5FDG	14014	1345	24	MA
UA1OT	14030	2342	27	AL
UA9UHN	14014	0024	22	OH
UA9USK	14038	0133	21	KY
UF6FBI	14012	0300	25	IL
UJ8BQ	14024	0102	28	FL
UL7NCL	14039	0050	1	FL
UL7VA	14026	0043	1	FL
UL8CWW	14010	0234	24	IL
UP1BWW	14023	0214	21	GA
UZØQWB	14033	2259	24	OH
V47NX	14010	1050	25	FL
VK9NL	14026	1230	23	AL
VS6BL	14020	1309	26	IL
YN3CC	14020	1258	24	GA
YZ9WJ	14029	2137	26	OH
ZC4AP	14014	1948	20	MT
ZC4EE	14005	2132	21	MD
ZC4EE	14027	0316	25	MT
ZF2AH	14005	1232	10	CT
ZP5XDK	14053	2110	25	GA
-----20 Meter SSB-----				
1Z9A	14226	1505	22	CA
3C1MB	14236	2345	20	CA
3C1MB	14236	0014	25	NH
3C1MB	14200	1927	25	NH
3D2ER	14219	0238	19	MA
3D2ER	14203	0716	25	IL
4S7VK	14183	1525	22	CA
4U1UN	14196	1330	25	CA
4X1AS	14205	2339	20	NH
5B4MF	14226	2316	27	IA
5B4TI	14180	0130	28	MO
5H3RB	14183	1920	24	IA
5H3RB	14223	1835	25	MI
5H3ZO	14183	2026	19	MA
5T5NU	14228	2328	21	MD
5W1FT	14220	0330	25	MI
5W1FT	14309	0345	28	CA
5W1GH	14220	0610	29	CA
5X5GK	14183	1852	26	NH
6W6JX	14231	2340	28	MA
7X25DS	14183	1937	17	MD
7X25LS	14160	2248	17	OH
7X2LS	14190	2303	21	NH
9J2ML	14162	1830	19	MA
9K2IA	14155	0413	14	MD
9K2YA	14244	0407	25	MD
9M2CW	14172	1405	26	CA
9M6AZ	14180	1255	21	MD
9N1MM	14224	2146	21	NH
9V1VY	14182	1250	23	MN
A35CR	14220	0430	28	NY
A92BE	14159	0324	26	MD
A92BE	14221	1917	27	CA
AP2AU	14205	0130	23	MO
AP2AU	14189	0210	28	MO
AP2MQ	14162	0251	25	MO
BV2FA	14201	1530	21	CA
BY1QH	14241	1345	26	CA
BY5GA/5	14195	1209	15	MD
C31LU	14226	2248	18	PA
C6ANI	14170	1610	25	MI
CEØGHO	14175	0144	25	NH
CEØZIJ	14210	0200	26	CA
CO7GC	14199	0207	20	MA
CS6CDL	14185	2155	25	MO
CT3BM	14197	2337	19	MA
CU7/KYØT	14199	0024	22	MA
DU1/K4YT	14174	1208	26	MD
DU8CK	14212	0130	22	MO
DU9RG	14228	1321	25	MN
DX1DBT	14211	1218	25	MN
EA8QP	14212	0127	25	GA
EA9IB	14202	0133	23	MA
EA9IE	14225	0207	23	MI
EA9KG	14160	0023	23	GA
EA9PY	14166	2316	28	MA
EP2DL	14225	1915	23	PA
FOØFB	14234	0151	23	IA
FOØGM	14200	0240	22	MD
FO5GW*	14179	1650	24	MD
FR4ED	14210	1231	16	MD
H44AF	14224	0818	25	MO
H44RO	14309	0240	29	CA
HH2MR	14226	1415	21	PA
HH7PV	14220	0143	24	PA
HKØAZW	14202	0217	27	NH
HL9CU	14219	1301	14	MD
HL9HP	14192	1220	23	CT
HSØB	14165	1328	19	MD
HSØB	14170	1329	24	MD
J79MD	14208	2100	23	CA
J79MD	14225	0310	25	MI
J88BK	14202	2108	25	MO
JT1BG	14226	1510	24	CA
JX9CAA	14220	2005	26	MD
JY5ZM	14225	0350	15	MD
KC6HA	14309	0419	24	IA
KC6JC	14220	0623	24	CA
KG4GN	14226	2328	19	MA
KH9AC	14309	0345	28	CA
KS6DV	14309	0230	20	NH
KS6FL	14234	0142	21	PA
KX6BA	14220	0315	26	MI
OD5AS	14191	2145	20	NH
OJØ/ OH2BZ	14195	2046	18	MD
OY6FRA	14206	0041	22	MA
P29DE	14194	1203	27	MD
RA9YD	14186	0122	29	CA
RR2RR	14242	1932	25	NH
SVØDH/5	14205	2148	20	NH
SV8RW	14226	1933	24	IA
TI2LTA	14174	0328	24	MI
TJ1CH	14163	2320	21	MD
TU2XX	14176	1546	25	NH
TU4BU	14177	2024	26	NH
UA1OT	14163	1215	23	MD
UA9YE	14192	0222	27	MA
UH9BWD	14215	0220	24	MO
UH9BWD	14161	0324	25	IL
UL7LYA	14224	1554	24	CA
UL7QF	14183	0159	22	MA
UL8LYA	14178	0135	25	NH
UL8RYA	14206	0117	24	NH
UQ1GWC	14157	1727	25	MI
UW9AG	14197	0204	22	MA
V31AB	14177	0134	19	MA
V44KI	14197	2130	23	CA
V85SB	14185	1216	20	MD
VKØDS	14196	0430	21	CA
VKØGC	14220	0352	25	MI
VK8AV	14224	0818	25	MO
VK9ND	14309	0417	25	MD
VK9NL	14219	0310	25	IA
VR6TC	14178	0159	29	CA
VU2CK	14173	0140	28	MO
VU2HI	14166	0206	24	IL
VU2RBI	14200	1604	26	CA
VU2TJW	14184	2220	20	MD
VU2XX	14181	1624	24	MD
XU1SS	14165	1329	23	MD
XU1SS	14240	1525	23	CA
XX9TDM	14154	1158	23	MD
YB19AR	14207	1215	23	MN
YB19AR	14191	1156	24	MD
YB19AR	14175	0856	25	MO
YZ9RA	14237	0500	24	CA
Z22JE	14206	1400	25	CA
ZC4AK	14178	2130	25	MO
ZK1CG	14225	0226	20	MA
ZK1CG	14232	0402	27	MN
ZK1XZ	14220	0325	22	CA
ZL7AA	14220	0234	27	NH
ZL8QV	14220	0625	29	CA
ZP1AB	14160	0221	25	GA
-----15 Meters-----				
3G65AA	21242	2049	19	MD
3XØHRA	21222	1934	19	MD
4X1SK	21253	2042	24	KY
5W1FT	21220	0239	28	MO
5Z4DU	21320	1850	26	NH
8R1PRN	21250	0202	18	IA
9L1GG	21009	2039	1	FL
9Q5DA	21210	1848	20	IA
9Q5NW	21250	2035	24	KY
9Q5NW	21250	1847	26	NH
A35SK	21270	0254	26	MD
C31LD	21291	1628	26	MN
CEØZIG	21097	0033	25	IL
CO2LZN	21030	2037	1	FL
EA6EJ	21035	2143	24	AL
EA8BCJ	21006	2332	27	AL
HP1XOB	21337	2244	29	CA
HZ1AB	21220	2027	26	NH
ISØESG	21027	1507	26	FL
KH6SB	21226	0229	28	MO
KX6BA	21210	0339	20	MD
LZ1KRB	21018	2159	24	KY
TRØCW	21003	1440	25	AL
UB5IQA	21037	2109	24	KY
YC5BJP	21252	1536	26	IL
ZK1XV	21262	0125	23	MD
ZK1XV	21262	0258	23	NH
ZL4JO	21295	0220	28	MO
ZP5XDK	14024	2038	1	FL
-----10 Meters-----				
I6BQI	28026	1446	26	FL
SV7RQ	28569	2000	21	ME
-----6 Meters-----				
4U1UN	50115	1409	18	MA
VE3AAY	50147	0110	18	CA
VE6AB	50110	0520	17	CA

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

8 00498 87/09
A A LAUN K3ZO
AMERICAN EMBASSY (USIS)
APO MIAMI FL 34021

FIRST CLASS MAIL

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

The DX Bulletin
816 Fourth Street, Suite 1001
Santa Rosa, CA 95404
U.S.A.

CALENDAR

Issue 399 - Aug. 7, 1987

(Changes and hot info in boldface.)

Algeria - 7X	7X2LS 20 SSB 01-03Z	I389
Bahrain - A9	A92BE 14150+ 02-04Z	I394
Belize - V3	V3DZ 7162 at 0700Z	I398
Brunei - V85	14185-190 11-1400Z	I398
Chatham Is - ZL7	ZL7IX, DE 7162 0700Z	I399
China - BY	BY0CQ Aug. 16-18	I396
	BY4RB 14030 12-1300Z	I399
Christmas - T32	T32BF 14178 02-04Z	I386
Crozet - FT8W	FT8WA 14236 0400Z	I389
Easter Is - CE0	CE0GHO YL 14220 23-0200Z weekends	I388
Eq. Guinea - 3C	3C1MB 14245 or 14007 after 2300Z	I391
Fiji - 3D	3D2JO 14220 0500Z	I394
Franz Josef	UA1OT 14227 1600Z	I394
Greenland - OX	F6CBH,F6IHH Aug 3-23	I398
Hong Kong - VS	VS6DO 14020 1145Z	I399
Jan Mayen - JX	JX9CAA 14220 1800Z	I399
Johnston Is - KH3	KL7LF, NH6D 20 0400Z	I394
	KL7LF/KH3 on RTTY	I395
Juan de Nova FR/J	FR5ES through Aug.	I398
Kermadec - ZL8	ZL8HV 14195 0400Z	I393
	14220 at 0400Z	I394
Kerquelen - FT8X	FT8XD 14010 0630Z	I397
Lebanon - OD	OD5RH 14220 0200Z	I399
Liechtenstein HB0	HB0/YT3AM Aug 14-22	I398
Macquarie - VK0	VK0GC 14309 0300Z	I389
	VK0ML 10 up CW 06Z	I390
Malagasy - 5R	5R8JD by TU2NP	I393
Minami Tori. KA	KA2CC Aug. 21-28 SSB	I399
Mongolia - JT	JT1BG 14178 1630Z	I394
Nauru - C2	C21XX 7163 06-0700Z	I393
	C21NI Aug. 11-17	I396
Nepal - 9N	9N1MM 14236 at 0130Z	I384
	and 0030Z Wed.	I388
	9N1MC 14200 09-1300Z	I385
Oman - A4	A4XKA-C 20 SSB 02Z+	I394
Qatar - A7	A71BK 20 SSB 02-04Z	I389
RASD - S0	August 6-16 New One?	I396
Russians - U/R	Lots 0200, 1500Z	I383
Sao Tome - S9	S92LB 14157 1930Z	I390
	14180kHz at 2100Z	I397
Saudi Arabia HZ	HZ1AB 14150-80 0130Z	I399
Sri Lanka - 4S	4S7RO, EA 01-02Z or 15-1600Z 14160-180	I388
	4S7EF 14050 1700Z	I395
Svalbard - JW	SP5EXA/JW 20 M CW	I394
Syria - YK	OE8HFL/YK 14215 04Z	I393
Taiwan - BV	BV2DA 14004 12-1300Z	I399
Thailand - HS	HS0A in contests, HS0B weekends	I371
Tristan Chuna	ZD9BV 21265 1700Z	I399
Tunisia - 3V	3V8RFA Oct 17-27	I394
United Arab Em	A61AB 14198 0200Z	I399
Zaire - 9Q	9Q5NW 14180 2000Z, also 9Q5YL. Try 21250 too	I399
Zone 23	BY0AA 14014 0030-0130	

DX Activities and Contests

Date	Event or Activity	Info
Aug. 8-9	Worked All Europe CW	CQ
Aug. 15-16	SARTG RTTY Contest	CQ
Aug. 15-16	SEANET SSB Contest	CQ
Aug. 22-23	Worked All Asia CW	CQ
Sept. 12	W9DXCC DX Convention	I399
Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH
Oct. 10	New England DXCC	W1EED

Contributors

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